

NFE31PT470C1E9#

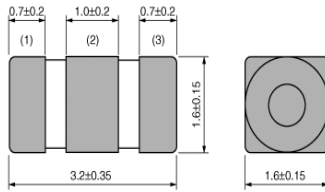
"#" indicates a package specification code.

In Production Recommended RoHS REACH

< List of part numbers with package codes >

NFE31PT470C1E9B NFE31PT470C1E9K NFE31PT470C1E9L

Appearance & Shape



■: Electrode
(in mm)

Features

The chip "EMIFIL" NFE31PT is a small size T-type circuit EMI suppression filter.

Features

1. Its large rated current of 6A and low voltage drop due to small DC resistance are suitable for DC power line use.
2. The feedthrough capacitor realizes excellent high frequency characteristics.
3. The structure incorporates built-in ferrite beads which minimize resonance with surrounding circuits.
4. 22 to 2,200pF lineups can be used in signal lines.

Applications

Other Usage	For general
-------------	-------------

Packaging Information


Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	500
K	330mm Embossed Tape	8000
L	180mm Embossed Tape	2000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

NFE31PT470C1E9#

“#” indicates a package specification code.



Specifications

Shape	SMD	Tolerance	50/-20%
Size Code (in mm)	3216		
Size Code (in inch)	1206		
Length	3.2mm		
Length Tolerance	±0.35mm		
Width	1.6mm		
Width Tolerance	±0.15mm		
Thickness	1.6mm		
Thickness Tolerance	±0.15mm		
Rated Current	6.0A		
Operating Temperature Range	-40°C to 85°C		
Mass(Typ.)	0.034g		
Number of Circuit	1		
Insulation Resistance(Min.)	1000.0MΩ		
Rated Voltage	25Vdc		
Withstanding Voltage	62.5Vdc		
Capacitance	47.0pF		

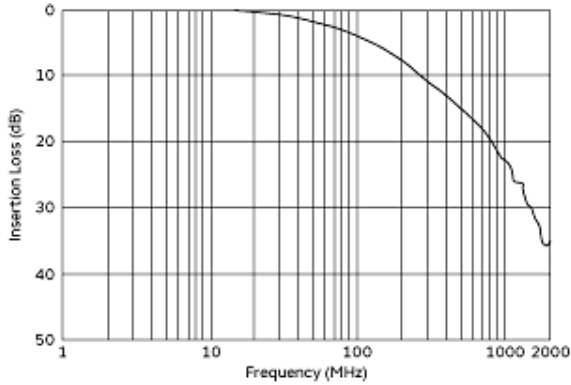
Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This datasheet has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

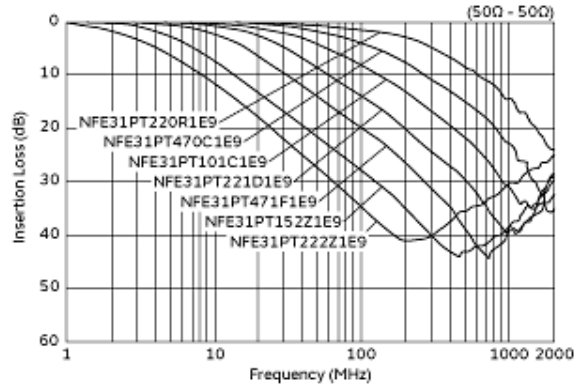
NFE31PT470C1E9#

"#" indicates a package specification code.

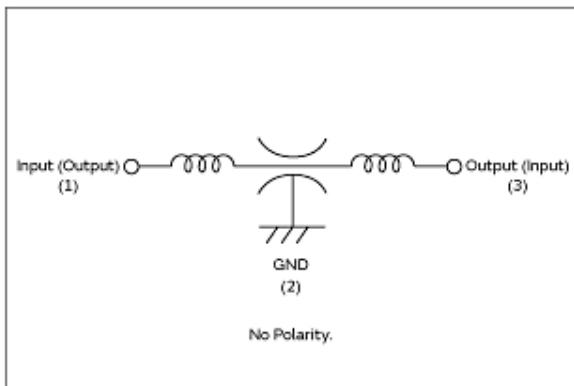
Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2. This datasheet has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.